

Nelburg, M. F.
NEW DATA ON THE MORPHOLOGY OF PLEUROMEIA
CORDA FROM LOWER TRIASSIC PERIOD OF THE
RUSSIAN PLATFORM. [1961] 5p.
Order from ATS \$9.35

ATS-95NS2R

Trans. of Akad[emiya] Nauk SSSR, Doklady, 1961,
v. 136, no. 2, p. 445-448.

DESCRIPTORS: *Mollusca, *Paleocology, USSR

(Earth Sciences--Geology, TT, v. 6, no. 8)

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I. Nelburg, M. F.
II. ATS-95NS2R
III. Associated Technical
Services, Inc., East
Orange, N. J.

585214

Office of Technical Services

The Coefficients of a Class of Analytic Functions
of Two Complex Variables, by I. I. Kowarin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII, Nos 1-6,
1961, pp 495-498.

Amer Math Soc
Sov Math
Vol II, No 2

Sci

172,591

Oct 61

Oct 61

On Overconvergence and Noncontinuity of
Series of Functions, by S. V. Valganova,
Yu. P. Korobelnik, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXVII,
Nos 1-6, 1961, pp 499-501.

Amer Math Soc
Sov Math
Vol II, No 2

Sci

172, 593

Oct 61

Solution of a System of Quasilinear Equations Having
Divergent form under Periodic Boundary Conditions, by
M. I. Visik, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXCVII, Nos 1-6, 19
1961, pp 502-505.

Amer Math Soc
Sci Math
Vol II, No 2

172,584

Sci Oct 71

On the Number of Subgroups of a Finite Abelian
Group, by P. E. Dyubyuk, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
Nos 1-6, 1961, pp 506-508.

Amer Math Soc
Sov Math
Vol II, No 2

Sci
Oct 61

Generalization of Hilbert's Theorem on Surfaces
of Constant Negative Curvature, 4 pp.
by N. V. Efimov, Poznyak, E. G.: 4 pp.

RUSSIAN, per: Dokl Ak Nauk SSSR, Vol CXXXVII,
Nos 1-6, 1961, pp 509-512.

Amer Math Soc
Sov Math
Vol II, No 2

172, 576

Sci Oct 61

Estimates of Trigonometric Sums of a Special
Form and Their Applications, by A. A. Karacuba,
1 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
Nos 1-6, 1961, pp 513, 514.

Amer Math Soc
Sov Math
Vol II, No 2

Sci
Oct 61

Oct 61

The Existence of solutions of a certain class of
nonlinear Integral Equations, by M. V. Mamcenko, pp.

RUSSIAN; per; Dok Ak Nauk SSSR, Vol CXXVII, Nos 126,
1961, pp 515-518.

Amer Math Soc
Sov Math
Vol II, No 2

172,595

Sci

Oct 61

Oct 61

Riesz Nuclear Scales, by B. S. Mityagin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
Nos 1-6, 1961, pp 519-522).

Amer Math Soc
Sov Math
Vol II, No 2

Sci

172,597

Oct 61

The Convergence of Certain Divided-Differences
Schemas, by O. A. Oleinik, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
Nos 1-6, 1961, pp 523-526.

Amer Math Soc
Sov Math
Vol II, No 2

Sci

172,598

Oct 61

Formulas for Mechanical Cubatures in n -Dimensional
Space, by S. L. Sobolev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXVII,
Nos 1-6, 1961 pp 527-530.

Amer Math Soc
Sov Math
Vol II, No 2

Sci

172,500

Oct 61

Linear Methods of Approximation of
Continuous Periodic Functions of Two Variables,
by V. N. Trofimov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
Nos 1-6, 1961, pp 531, 532.

Amer Math Soc
Sov Math
Vol II, No 2

Sci
Oct 61

Intrinsic Characterization of Spaces Topologically
Complete in the Sense of E Čech, by L. Frolík, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
Nos 1-6, 1961, pp 533-536.

Amer Math Soc
Sov Math
Vol II, No 2

Sci

172, 599

Oct 61

Symmetric Motion of a Perfect Liquid as Obtained
from Its Rotation as a Solid Body, by
A. A. Nikol'skiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ⁰LXXVII,
Nos 1-3, 1961, pp 537-540.

AIP
Soviet Physics
Vol VI, No 3

Sci

169,313

Sep 61

Transitional Gas Flow in Trunk Pipelines, by
G. Paskal, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ^C LXXXVII,
Nos 1-3, 1961, pp 541-544.

AIP
Soviet Physics
Vol VI, No 3

Sci

169, 3/2

Sep 61

The Basic Laws of Motion of Hydro- and
Aero-Mixtures in Pipes, by A. E. Smoldyrev,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVII,
Nos 1-3, 1961, pp 545-548.

AIP
Soviet Physics
Vol VI, No 3

Sci

169, 314

Sep 61

Paramagnetic Resonance of Copper Conduction
Electrons, by A. A. Galkin, V. P. Neberzhnykh,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXVII,
No 3, 1961, pp 549-550.

AIP

Sci

18 Sep 61

A New Isotope Ir¹⁸³, by A. K. Lavrukhina, T. V. Malysheva, B. A. Khotin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXVII, No 3, 1961, pp 551-552.

AIP

Sci

18 Sep 61

The Scattering of Charged Quasi-Particles from
Singularities in p-Space, by I. M. Lifshits,
A. A. Slutskin, V. M. Nabutovskiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ^CXXXVII,
Nos 1-3, 1961, pp 553-556.

AIP
Soviet Physics
Vol VI, No 3

Sci

169,324

Sep 61

Effect of the Scale Factor on the Time Dependence
of the Strength of Ceramic Materials, by V. G.
Bravinakiy, M. V. Osipov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ^CLXXXVII,
Nos 1-3, 1961, pp 557-559.

AIP
Soviet Physics
Vol VI, No 3

Sci

169,328

Sep 61

Basic Indications of the Photodilectric Effect
Caused by the Conductivity of Granular Samples,
by F. I. Vergunas, G. M. Malkin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ^CXXXVII,
Nos 1-3, 1961, pp 560-563.

AIP
Soviet Physics
Vol VI, No 3

Sci

169,329

Sep 61

Stability of Microcracks in Solids, by
Yu. M. Plishkin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ^CLXXXVII,
Nos 1-3, 1961, pp 564-567.

AIP
Soviet Physics
Vol VI, No 3

Sci

169, 331

Sep 61

Effect of Surface Active Media on the Speed of
Ultrasonic Treatment of Solids, by N. M.
Rostovtsev, G. I. Epifanov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ^C LXXVII,
Nos 1-3, 1961, pp 568-571.

AIP
Soviet Physics
Vol VI, No 3

Sci

169,330

Sep 61

On Fast Variations of the Period of Rotation
Relatively to the Transverse Axis of the Second
Soviet Artificial Earth Satellite, by V. M.
Grigorevskiy,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 3,
1961, pp 572-575.

NASA TT F 8024

168,439

Sci
Sep 61

ATLAS 107411

Magnetohydrodynamic Effects in the Ocean,
by V. M. Kontorovich, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
No 3, 1962, pp 576-579.

AGI

Sci

Feb 63

Determination of Wave-Flow Parameters Based
on the Parameters of the Periodic Bottom
Structures Formed by the Flow, by
B. A. Shulyak, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
No 3, 1962, pp 580-.

AGI

Sci

Feb 63

The Crystal Structure of Indium Selenide
 In_2Se_3 , by S. A. Semiletov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ^C LXXXVII,
Nos 1-3, 1961, pp 584-587.

AIP
Soviet Physics
Vol VI, No 3

Sci

169,316

Sep 61

On the Solubility of Potassium Ozonide in
Liquefied Ammonia, by S. Z. Makarov,
E. I. Sokovnin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII
No 3, 1961, pp 612-613.

NASA TT F-8085
SLA 61-23492

Sci - Min/Metal

26 Dec 61

178, 152

Mobility of Atoms on a Crystal Sur-
face at the Melting Point, by
V. I. Shimulis, V. N. Gryaznov.
RUSSIAN, per, Doklady Akademii Nauk
SSSR, Vol 137, 1961, pp 648-651.
*NASA TT F-11,773

Sci/Phys
Oct 68

New Data on the Composition of the Products
of Middle Miocene Volcanism in the
Makarov Region (Sakhalin Island), by
V. F. Yerokhov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
No 3, 1962, pp 657-659.

AGI

Sci

Feb 63

Ishchenko, T. A.
DISCOVERY OF A MIDDLE DEVONIAN FLORA ON
THE SOUTH BOUNDARY OF DONETZ BASIN. [1961]
Sp.

Order from OTS or SLA \$1.10 61-23208

Trans. of Akademiya Nauk SSSR. Doklady, 1961,
v. 137, no. 3, p. 660-662.

DESCRIPTORS: *Geological survey, *Plants,
Paleoecology, Animals, Geological time.

Besides the Upper Devonian archaeopterid flora, there
was also developed on the south of Donbass the
Middle Devonian psilophyte flora. It is characterized
by a varied species composition which includes
psilophytes, sphenopsids, lycopods, and ferns. The
Middle Devonian flora of southern Donbass exhibits in
its species composition and habitat conditions a com-
(Earth Sciences--Geology, TT, v. 7, no. 7) (over)

61-23208

I. Ishchenko, T. A.
II. Geological Survey of Canada

Office of Technical Services

The Tectonic Structure of the Middle
Caspian, by L. I. Lebedev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
No 3, 1962, pp 663-666.

AGI

Sci

Feb 63

Postglacial Transgression of the Black
Sea, by Ye. N. Nevessky, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
No 3, 1962, pp 667-670.

AGI

Sci

Feb 63

Presence of Oil in the Mesozoic Deposits
of Western Turkmenia, by
I. S. Starobinets, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
No 3, 1962, pp 671-673.

AGI

Sci

Feb 63

Neotectonics of the Amur Region and Contiguous
Territories (Far East USSR), by
Yu. F. Chemekov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
No 3, 1962, pp 674-.

AGI

Sci

Feb 63

Hydrotroilite in the Sediments of the
Akchagylia Stage in the Prikurinsk Lowland
by E. A. Daidbekova, B. M. Ibragimova, 2 pp.

RUSSIAN, per, Dok. Ak. Nauk SSSR, Vol. CXXXVII,
No. 3, 1962, pp. 678-680.

AGI

Sci

Feb 63

A New Titanozirconate of Calcium-Calzirtite,
by T. B. Zdorik, G. A. Sidorenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
No 3, 1962, pp 681-684.

AGI

Sci

Feb 63

An Occurrence of Struverite in Exocontact
Greisens of One of the Granite Massifs of
Eastern Siberia, by A. A. Sitnin,
T. I. Leyonova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
No 3, 1962, pp 685-.

AGI

Sci
feb 63

The Increase in the Radiocarbon Content
as a Result of Nuclear Explosions,
by A. P. Vinogradov, A. L. Devirts, 3 pp.

^{cssk}
RUSSIAN, per, Dok Ak Nauk, Vol CXXXVII,
No 3, 1962, pp 688-.

AGI

Sci

Feb 63

Some Laws of the Distribution of Germanium
in Coal-Bearing Deposits, by I. P. Lomahov.

RUSSIAN, per, Dok Ak Nauk, Vol CXXXVII, No 3,
1961, pp 692-694.

ILL M 3971

Sci - M/M
Feb 63

-72 3,5 F60

Kaolinite in the Sediments of the Atlantic Ocean,
by V. A. Yeroshchev-Shak, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII, No 3,
1961, pp 695-697.

AGU

Sci
Dec 62

Study of the Bottom Zone of the Ocean, by N. N.
Sysoyev, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
No 3, 1961, pp 698-700.

AGU

S
XSci
Dec 62

Possible Explanation of Anomalous Biological Isotopic
Effects Observed in D_2O^{16} ; and H_2O^{18} , by
S. Z. Roginskiy, S. K. Shmol', 3 PP.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXVII,
Nos 1-3, 1961, PP 706-709. 9093628

AIP
Soviet Physics
Vol VI, NO 3

168,683

Sci

Sep 61

AEC UCRL Tr-695

Concentrations Dependence of Activity of Ferments
in Connection With Their Behavior in Coacervates, by
V. P. Slobodskaya, A. G. Pasynskiy, 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII, 1961,
pp 715-718. *9095580*

AEC UCRL Tr-696

Sci - Biol
Feb 62

182,532

Nucleolar Complex of Oocytes in Teleost Fishes
During the Period Preceding Meiotic Division,
by O. F. Sakun,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
No 3, 1961, pp 749-751.
Dept of Interior
Fish and Wildlife Service
BCF, Bureau of Foreign Fisheries

Sci-B&M
Jul 67

332,956

Perturbation of the Spectrum of a Singular Elliptic
Operator Under Variation of the Boundary and
Boundary Conditions, by M. S. Birman, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXVII,
Nos 1-6, 1961, pp 761-763.

Amer Math Soc
Sov Math
Vol. II, No 2

Sci

172, 6 01

Oct 61

Equivalence of Some Unbounded Operators in Banach
Space, by I. V. Gel'man. 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII, Nos 196,
1961, pp 764-767.

Amer Math Soc S
Sov Math
Vol XI, No 2

Sci

Oct 61

172, 602.

• Property of the Solution of a Hyperbolic
Equation, by Gracia, W. H. 6 pp.

WRIGHT, J. W. Public Heat 1901, Vol. 10, No. 106, 1901, pp 706-711.

Ames with Don

Box 11, 61

Vol 11, No 1

Sci

172, 604

Box 61

Groups With Finite Classes of Conjugate
Subgroups With a Given Property, by
I. I. Eremin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
Nos 1-6, 1961, pp 772, 773.

Amer Math Soc
Sov Math
Vol II, No 2

Sci
Oct 61

The General Form of the Solution of a Homogeneous
Differential Equation with constant Coefficients, by
V. P. Palamodov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII, Nos 1-6,
1961, pp 774-777).

Amer Math Soc
Sov Math
Vol II, No 2

Sci

172, 603

Oct 61

On the Interpolation of Functions, of a Variation.
by S. L. Sobolev, 4 pp.

RUSSIAN; per, Dok Ak Nauk SSSR, Vol SIXXVII,
Nos 196, 1961, pp 778-781.

Amer Math Soc
Sov Math
Vol II, No 2

Sci

172, 605

Oct 61

Divergence of Fourier Series, by L. V. Tsikhov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
Nos 1-6, 1961, pp 782-785.

Amer Math Soc
Sov Math
Vol II, No 2

Sci

172, 606

Oct 61

Divergent Fourier Series of Class $L^p(p \geq 2)$,
by P. L. Ulyanov, 5 pp.

RUSSEAN, per, Dokl Ak. Nauk SSSR, Vol. 186, No. 1, 1961, pp 786-789,

Amer Math Soc

Sov Math

Vol 11, No 2

Sci

172, 608

Oct 61

Locally Topologically Complete Spaces, by
Z. Frolik, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII, Nos 1-6,
1961, pp 790-792.

Amer Math Soc
Sov Math
Vol II, No 2

Sci

172,607

Oct 61

Some Problems Concerning the Completeness of
Systems, by S. Ya. Maslovskii, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXCVII,
Nos 196, 1961, pp 793-796.

Amer Math Soc
Sov Math
Vol II, No 2

Sci

172, 609

Oct 61.

Stability of solutions of an equation in a Banach space, by Z. I. Malilov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXXVII, No 1-6
1961, pp 797-799.

Amer Math Soc
Sov Math
Vol 11, No 2

Sci

172,462

Nov 61

Continuous additive functionals of Markov processes
and excessive functions, by H. G. Gao, 4 pp.

RUSSIAN, per Dokl Ak Nauk SSSR, Vol XXXVII, No 1-6
1961, pp 800-803.

Amer Math Soc
Sov Math
Vol. II, No 2

Sci

172, 463

Nov 61

DC - 6L56

ALGORITHMIC SOLVABILITY OF THE PROBLEM OF
ISOMORPHISM FOR AUTOMATA, BY YU. I. SORKIN,
8 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXXXVII,
NO 4, 1961, PP 804-806.

JPRS 8883

USSR
SCI - PHYS

AIP

Sci Rep

J. A. 173,112

NOV 61

(DC-6247)

Penetration of Arbitrary Pressure Into a
Compressible Fluid in the Isentropic Case,
by A. G. Bagdoyev, E. M. Nersisyan, 5 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol CXXXVII,
No 4, pp 807-809.

JPRS 8850

AIP
Soviet Phys. Dokl.

Sci - Phys

173.477 Vol 41, No 4

Oct 61

The Structure of Flow Magnetohydrodynamic
Shock Waves with Barotropy, by A. G.
Kulikovskiy, 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
No 4, 1961, pp 810-813. 9670737

FTD MCL-1134/1

Sci - Geophys, Phys

1 Sept 61

#IP

SIV Ph. & Dok.

Vol VI, No 4

165,894

An Analysis of the Distribution of Interstellar
Polarization in Cygnus, by V. A. Dambrovskiy,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
No 4, 1961, pp 814-817.

AIP
Sov Phys-Dok
Vol VI, No 4

Sci

Oct 61

A Formal Definition of R-Operations, by
B. M. Stepanov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII
No 4, 1961, pp 818-821.

AIP
Sov Phys - Dok
Vol VI, No 4

Sci

Oct 61

173,081

Certain Features of the Transverse
Propagation of High-Frequency Waves in
Magnetoactive Plasma, by B. N. Gershman,
8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
No 4, 1961, pp 822-825. 9670748

Sci - Phys
1 Sept 61
AIP
Sov Phys - Dok
Vol II, No 4
FED ML-1135/1
165,903

Visitors of the Antimony Museum by East Prussia, by
L. K. Lavroskaya, R. E. Tarkovskiy, St. Petersburg, 3 pp.

STALIN, J. D. Doc AD East USSR, Vol. 1000001, No. 1,
1951, p. 10-11.

AMP

Doc. 1000001
Vol. 10, No. 1

Doc

173, 015

Doc 61

Fine Structure of the Rayleigh Optical Scattering
Near and Beyond the Validity of Hypothesis
Oscillation in Water, L. V. Ivanov, U. I.
Sokolovskiy, 3-11.

15-12-61, 10-11, 10-12-61, 10-12-61, 10-12-61,
10-12-61, 10-12-61, 10-12-61.

SEP
FOR PHYS-LAB
VOL VI, No 4

Sci

173, 017

Oct 61

Violation of the Boltzmann Distribution During
Thermal Dissociation of Molecules, by A. I.
Osipov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
No 4, 1961, pp 833-835.

AIP
Soviet Physics - *Def*
Vol VI, No 4

Sci
17 Oct 61

Quantum Mechanical Theory of the Absorption and
Luminescence Spectra of Complex Molecules, by
B. I. Stepanov; 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 4,
1961, pp 539-557.

AIP
Sov Phys-Dok
Vol VI, No 4

173, 610

Sol

Oct 61

Contact Image Intensifier for Red Region
of Spectrum, by I. V. Volkov, V. F. Esipov,
P. V. Shcheglov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
No 4, 1961, pp 840.

AIP
Soviet Physics - Dok
Vol VI, No 4

Sci
17 Oct 7 61

P-N Transitions in Graphitic Materials, by
A. S. Fialkov, Ya. G. Davidovich, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
No 4, 1961, pp ~~841-843~~ 841-843

AIP
Soviet Physics ~~book~~
Vol VI, No 4

Sci
17 Oct 61

Cosmic Ray Outbursts November 12-15, 1960, by
A. K I. Kuz'min, G. F. Krymskiy, G. V. Shafer,
Yu. G. Shafer,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII, No 4, 2
1961, pp 844-847.

NASA TT-F-8029

Sci
Sep 61

168,676

US GOV'T ONLY

Some Features of the Secular Variation of the ~~Magnet~~
Magnetic Field above Oceans, by V. V. Shuleykin,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
No 4, 1962, pp 848-.

AGI

Sci

Feb 63

Luminescence Spectra of Diamonds From the
Mir Pipe, by G. O. Gomon, 2 pp.

Russian, per, Dok Ak Nauk SSSR, Vol CXXXVII,
No ~~4~~ 4, 1961, pp 852-854.

AIP
Soviet Physics - *Dok*
Vol VI, No 4
ATS/RT-3393

Sci
Oct 61

61-25202

Gur'ev, M. V.
MASS SPECTRA AND PRIMARY PROCESSES OF
THE RADIATION CHEMISTRY OF PARAFFINS.
[1961] 6p.
Order from ATS \$6. 90

ATS-54N52R

Trans. of Akad[emiya] Nauk SSSR, Doklady, 1961,
v. 136, no. 4, p. 856-859.

DESCRIPTORS: Mass spectroscopy, *Methanes,
*Radiation effects.

I. Gur'ev, M. V.
II. ATS-54N52R
III. Associated Technical
Services, Inc.,
East Orange, N. J.

186218

Office of Technical Services

(Chemistry, TT, v. 6, no. 8)

The Method of Splitting Toluene- C^{14} to Determine
the Position of the Tag in the Nucleus, by V. A.
Koptug, I. S. Isayev, N. N. Vorozhtsov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 4,
1961, p 866. - 868.

AF 1452419

Sci - Chem
Oct 61

171,561

Revised TV

CEA R-1566 9091820

Dokukina, E. S., Roginskii, S. Z. and others.
CATALYSIS ON ORGANIC SEMICONDUCTORS PRE-
PARED BY THERMAL TREATMENT OF POLYACRY-
LONITRILE. [1961] 4p.
Order from ATS \$6.75

ATS-95N54R

Trans. of Akademiya Nauk SSSR (Doklady) 1961,
v. 137, no. 4, p. 893-895.

DESCRIPTORS: Organic compounds, *Semiconductors,
Catalysis, Catalysis, Preparation, *Acrylonitriles,
Heat treatment.

(Chemistry--Organic, TT, v. 7, no. 3)

62-12132

- I. Dokukina, E. S.
- II. Roginskii, S. Z.
- III. ATS-95N54R
- IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Kinetics of Electrode Processes and Self-Dissolution Mechanism of n and p-type Germanium With Different Specific Resistivity.
by E. M. Paleolog, A. Z. Fedotova, N. D. Tomashov, 6 pp.

RUSSIAN, per; Dok Ak Nauk SSSR, Vol CHEMIL,
No 4, 1961, pp 900-903.

MDF P-167
9093079

Sci
Nov 61

173, 315

Shock Adiabatic Curve of Ballistite Power,
by A. Ya. Apin, L. N. Steskik, N. S.
Shvedova,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
No 4, 1961, pp 908, 909.

AF 1452304

Sci - Phys
Aug 61

164,873

The Age of the Irendyk Formation on the Eastern
Slope of the Southern Urals, by S. M.
Andronov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
No 4, 1962, pp 915-918.

AGI

Sci

Feb 63

New Data on the Stratigraphy of the
Proterozoic of the Tunka Bald Mountains
of Eastern Sayan, by I. P. Buzikov,
S. V. Obruchev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
No 4, 1962, pp 919-922.

AGI

Sci

Feb 63

New Data on Tertiary Flora from the Region
of Antropovo on the River Tavda, by
P. I. Dorofeyev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
No 4, 1962, pp 923-926.

AGI

Sci

Feb 63

The Origin of the Central Caspian Shelf,
by L. I. Lebedev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
No 4, 1962, pp 927-930.

AGI

Sci

Feb 63

The Uspensky-Aktassky Dynamic Fault Couple
in Central Kazakhstan, by A. I. Suvorov,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
No 4, 1962, pp 933.

AGI

Sci

Feb 63

The Relationship Between the Karangat and
Now Euxine Beds in Littoral Regions ~~i~~ of the
Black Sea, by L. A. Nevesskaya,
Ye. N. Nevessky, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
No 4, 1962, pp 934-937.

AGI

Sci

Feb 63

The Unit Cell of Umohoite, $\text{UO}_2\text{MoO}_4 \cdot 4\text{H}_2\text{O}$,
by L. I. Anikina, Ye. S. Makarov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
No 4, 1962, pp 942-943.

AGI

Sci

Feb 63

Vlasovite- A New Zirconium Silicate from the
Lovozero Massif, by R. P. Tikhonenkova,
M. Ye. Kazakova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
No 4, 1962, pp 944-946.

AGI

Sci

Feb 63

Britholite from the Crystalline Rocks of the
Eastern Priazov (Ukraine), by Yu. Yu.
Yurk, Ye. Ya. Marchenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
No 4, 1962, pp 947-.

AGI

Sci

FEB 63

Illite in the Sediments of the Atlantic Ocean,
by V. A. Yeroshchev-Shak, 3 pp.

RUSSIAN, per, Dok Ak SSSR, Vol CXXXVII, No 4,
1961, pp 951-953.

AGU

Sci
Dec 62

New Data on the Distribution of the Clupea
Harengus Pallari in the Barents Sea, by
I. V. Shutova-Korzh, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII, No 4,
1961, pp 954-956.

AGU

Sci
Dec 62

Morphology of Spores of Certain Modern
Representatives of the Genus *Oomunda* L.
by P. A. Popov, K. V. Prokhorova, 5 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXXXVII,
No 4, 1962, pp 957-.

AGI

Sci

223596

Feb 63

Selective Microbiological Oxidation of the 11-Hydroxy
Group of Hydrocortisone, by V. K. Eroshin, M
N. A. Krasil'nikov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII, No 4, 1961
pp 968-969.

AMS RJ-4187

Sci - Biol & Med Sci
Dec 63

244,883

Mutagenic Action of Metabolites Formed in
Irradiated Plants, by A. M. Kuzin,
L. M. Kryukova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII,
No 4, 1961, pp 970, 971.

AIP
Soviet Physics - *Usp*
Vol VI, No 4

Sci
17 Oct 61

Certain New Aspects of Mechanochemical Phenomena,
by V. I. Vorob'yev, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXXVII,
No 4, 1961, pp 972-975. 9677226

FTD-TT-204

Sci - Engr
Jun 62

199,514

Nontrivial solutions of Dirichlet's problem for
equations with the Monge-Ampere Operator, by
I. Ya. Bakel'man and M. A. Krasnosel'skii, 3 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Vol CXXXVII, No 1-6
1961, pp 1087-1090.

Amer Math Soc
Sov Math
Vol II, No 2

Sol

172,461

Nov 61.

A Remark on Schrodinger's Equation with a Singular
Potential, by P. A. Iuzvin and L. M. Iadecov, 4 pp.

RUSSIAN, per Dok Ak Nauk SSR, Vol CXXVII, No 1-6
1961, pp 1011-1014.

Amer Math Soc
Sov Math
Vol 1 II, No 2

Sci

172, 465

Nov 61

Certain Boundary Value Problems for Elliptic
Equations with a Strong Degeneracy on the Boundary,
by A. A. Vassarin and P. I. Lizorkin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 1-6
1961, pp 1015-1018.

Amer Math Soc
Sov Math
Vol II, No 2

Sol

172, 446

Nov 61

Cohomologies of Groups of Units in Division
Algebras, by B. E. Venkov, 3 pp.

RUSSIAN, per Dok Ak Nauk SSR, Vol CXXXVII, No 1-6
1961, pp 1019-1021.

Amer Math Soc
Sov Math
Vol II, No 2

Sci

172, 467

Nov 1961

Higher Approximations in Averaging, by V. M. Volosov,
3 pp.

RUSSIAN, ~~Per, Dokl Ak Nauk SSSR~~, Vol CXXXVII, No 1-6
1961, pp 1022-1025.

Amer Math Soc
Sov Math
Vol II, No 2

Sci

172, 468

Nov 61

Periodically Correlated Random Sequences, by E. G.
Gladyshev, 4 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Vol. CXXXVII, No 1-6
1961, pp 1026-1029.

Amer Math Soc

Sov Math

Vol. II, No 2

Sci

172, 469

Nov 61

Distribution of Values of Meromorphic Functions
with Separated Zeros and Poles, by A. A. Gol'dberg,
3 pp.

RUSSIAN, per Russ Akad Nauk SSSR, Vol CXXVII, No 1-6
1961, pp 1030-1033.

Amer Math Soc
Sov Math
Vol XI, No 2

Sci

172, 476

Nov 61

On the Theory of Triangular Representatives of
Non-Selfadjoint Operators. by I. G. Gohberg,
and M. G. Krein, 4 pp.

RUSSIAN, per Dok Ak Nauk SSR, Vol CXXXVII, No 3-6
1961, pp 1034-1037.

Amer Math Soc
Sov Math
Vol II, No 2

Sci

172, #71

Nov 61